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Date: June 9, 2010

Signature: /Ryan L. Marshall/

Name: Ryan L. Marshall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Andrus et al.

Appln. No.: 10/597,335

Filed: July 21, 2006

For: NOVEL SIRTUIN ACTIVATING
COMPOUNDS AND METHODS
FOR MAKING THE SAME

Attorney Docket No.: 49506-12

Examiner: Chukwuma O. Nwaonicha

Art Unit: 1621

Conf. No.: 9418

REQUEST FOR RECONSIDERATION OF PATENT TERM ADJUSTMENT
PURSUANT TO 37 CFR § 1.705(d)

Mail Stop Patent Ext
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

U.S. Patent No. 7,714,161 was issued on May 11, 2010. Pursuant to 35 U.S.C. § 154(b), the United States Patent and Trademark Office has calculated a patent term adjustment of **492** days. A copy of the issue notification for U.S. Patent No. 7,714,161 is included herewith as Exhibit A.

Applicant's Attorney believes that the patent term adjustment should be **532** days. For the reasons stated herein, reconsideration of this patent term adjustment is respectfully requested pursuant to 37 CFR 1.705(d). Please charge the petition fee pursuant to 37 CFR § 1.18(e) to Deposit Account No. 23-1925. Please charge any additional fee required or credit for any excess fee paid to Deposit Account No. 23-1925.

The patent term adjustment for U.S. Patent No. 7,714,161 was calculated by the U.S. Patent and Trademark Office based on activities and associated dates detailed in the

Patent Application Information Retrieval (PAIR) system Patent Term Adjustment History, attached as Exhibit B. Applicant's Attorney believes that errors and/or omissions in the calculation and/or the PAIR system Patent Term Adjustment History may have resulted in an incorrect patent term adjustment for U.S. Patent No. 7,714,161 as described in detail below. Pursuant to 37 CFR §1.705(d), this request for reconsideration is being filed within two months of the issue date of the above-referenced patent. Note that U.S. Patent No. 7,714,161 is not subject to a terminal disclaimer. In addition, there were no circumstances during the prosecution of the application resulting in the patent that constitute a failure of the Applicant to engage in reasonable efforts to conclude processing or examination of the present application as set forth in 37 CFR §1.704.

Period of Adjustment Pursuant to 37 CFR § 1.704(c)(10)

Pursuant to 37 CFR § 1.704(c)(10), when an amendment is filed after a notice of allowance (pursuant to 37 CFR § 1.312), the period of adjustment shall be reduced by the lesser of "the number of days, if any, beginning on the date the amendment under § 1.312 or other paper was filed and ending on the mailing date of the Office action or notice in response to the amendment under § 1.312 . . ." or four months, whichever is less.
(Emphasis added.)

In the present application, Applicant filed an Amendment after receiving a notice of allowance on February 26, 2010. (See Electronic Acknowledgement Receipt attached as Exhibit C.) The Amendment was approved by the Examiner, and notice of the approval was mailed to Applicant on March 31, 2010. (See March 31, 2010, Office Communication attached as Exhibit D.) The period of time elapsing between Applicant's Amendment after allowance and notice of the Office Communication under 37 CFR § 1.704(c)(10) is **35** days (February 26, 2010, through March 31, 2010). The U.S. Patent and Trademark Office, however, calculated the period of time elapsing between Applicant's Amendment After Allowance Under 37 CFR § 1.312 and notice under 37 CFR § 1.704(c)(10) as **75** days (February 26, 2010, to the date of issue, May 11, 2010). The error arose because the period was mistakenly calculated as extending to the patent's issue date on May 11, 2010, and not to the date of the Office Communication.

Accordingly, the delay caused by the filing of the Amendment is only **35** days. Applicant's Attorney respectfully requests recalculation of the patent term adjustment to relate to the March 31, 2010, notice date rather than the date of issuance of the patent.

Total Patent Term Adjustment

For the present application, the total patent term adjustment pursuant to 37 CFR § 1.703(f) is the period of adjustment pursuant to 37 CFR § 1.703 reduced by any delay pursuant to 37 CFR § 1.704. Thus, we believe that the patent term adjustment should be **532 DAYS**, i.e., 356 days ("A" Delay) minus 84 days (applicant delay during prosecution) plus 295 days ("B" Delay) minus 35 days (1.704(c)(10) delay), instead of the 492 days indicated on the issued patent.

It is respectfully asserted that the patent term adjustment determined by the U.S. Patent and Trademark Office for U.S. Patent No. 7,714,161 may not be correct. Accordingly, Applicant's Attorney respectfully requests the U.S. Patent and Trademark office to reconsider, and make revisions to the PAIR system Patent Term Adjustment History in view of the previous remarks. In addition, it is respectfully requested that the patent term adjustment be re-calculated by the U.S. Patent and Trademark Office in view of the above remarks. Office personnel are invited to contact Applicant's Attorney via telephone if such communication would be beneficial in fulfilling this request.

Respectfully submitted,

Dated: June 9, 2010

/Ryan L. Marshall/
Ryan L. Marshall, Reg. No. 47,770
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
222 S. Main Street, Suite 1930
Salt Lake City, Utah 84101-2001
(801) 355-7900

EXHIBIT A



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/597,335	05/11/2010	7714161	49506-12	9418

28441 7590 04/21/2010
BRINKS HOFER GILSON & LIONE/UTAH
UTAH OFFICE
222 South Main Street
Suite 1930
SALT LAKE CITY, UT 84101

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 492 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Merritt B. Andrus, Lindon, UT;
Jing Liu, Provo, UT;

EXHIBIT B

10/597,335	NOVEL SIRTUIN ACTIVATING COMPOUNDS AND METHODS FOR MAKING THE SAME	05-03-2010::13:37:17
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Patent Term Adjustments

Patent Term Adjustment (PTA) for Application Number: 10/597,335

Filing or 371(c) Date:	07-21-2006	USPTO Delay (PTO) Delay (days):	-
Issue Date of Patent:	-	Three Years:	-
Pre-Issue Petitions (days):	-	Applicant Delay (APPL) Delay (days):	-
Post-Issue Petitions (days):	-	Total PTA (days):	492
USPTO Adjustment(days):	-	Explanation Of Calculations	

Patent Term Adjustment History

Date	Contents Description	PTO(Days)	APPL(Days)
05-11-2010	Patent Issue Date Used in PTA Calculation		
04-13-2010	Dispatch to FDC	⌆	
04-13-2010	Application Is Considered Ready for Issue	⌆	
03-31-2010	Response to Amendment under Rule 312	⌆	
03-31-2010	TC Return to Pubs	⌆	
03-31-2010	Mail Miscellaneous Communication to Applicant	⌆	
03-29-2010	Miscellaneous Communication to Applicant - No Action Count	⌆	
02-26-2010	Amendment after Notice of Allowance (Rule 312)		75
03-01-2010	Issue Fee Payment Verified		⌆
03-01-2010	Issue Fee Payment Received		⌆
12-01-2009	Mail Notice of Allowance		⌆
11-24-2009	Document Verification		⌆
11-24-2009	Notice of Allowance Data Verification Completed		⌆
11-24-2009	Case Docketed to Examiner in GAU		⌆
11-04-2009	Date Forwarded to Examiner		⌆
11-02-2009	Amendment after Final Rejection		⌆
09-01-2009	Mail Final Rejection (PTOL - 326)		⌆
08-31-2009	Final Rejection		⌆
05-18-2009	Information Disclosure Statement considered		⌆
05-18-2009	Information Disclosure Statement (IDS) Filed		⌆
06-19-2009	Date Forwarded to Examiner		⌆
05-18-2009	Response after Non-Final Action		63
05-18-2009	Request for Extension of Time - Granted		⌆
05-18-2009	Information Disclosure Statement (IDS) Filed		⌆
12-16-2008	Mail Non-Final Rejection		⌆
12-08-2008	Non-Final Rejection		
11-03-2008	Information Disclosure Statement considered		
11-03-2008	Reference capture on IDS		
11-03-2008	Information Disclosure Statement (IDS) Filed		21
11-25-2008	Date Forwarded to Examiner		⌆

10-23-2008	Supplemental Response		會
11-03-2008	Information Disclosure Statement (IDS) Filed		會
06-02-2008	Information Disclosure Statement considered		會
01-18-2008	Information Disclosure Statement considered		會
07-06-2007	Information Disclosure Statement considered		會
02-26-2007	Information Disclosure Statement considered		會
11-17-2006	Information Disclosure Statement considered		會
10-19-2008	Date Forwarded to Examiner		會
10-13-2008	Response to Election / Restriction Filed		會
10-16-2008	PG-Pub Issue Notification		
09-11-2008	Mail Restriction Requirement	356	
09-11-2008	Requirement for Restriction / Election		會
08-20-2008	Case Docketed to Examiner in GAU		會
02-26-2007	Information Disclosure Statement (IDS) Filed		會
11-17-2006	Information Disclosure Statement (IDS) Filed		會
07-28-2008	IFW TSS Processing by Tech Center Complete		會
06-10-2008	Request for Foreign Priority (Priority Papers May Be Included)		會
06-10-2008	Request for Foreign Priority (Priority Papers May Be Included)		會
06-02-2008	Reference capture on IDS		會
06-02-2008	Information Disclosure Statement (IDS) Filed		會
01-18-2008	Reference capture on IDS		會
01-18-2008	Information Disclosure Statement (IDS) Filed		會
07-06-2007	Information Disclosure Statement (IDS) Filed		會
02-26-2007	Information Disclosure Statement (IDS) Filed		會
11-17-2006	Reference capture on IDS		會
11-17-2006	Information Disclosure Statement (IDS) Filed		會
07-07-2008	Application Dispatched from OIPE		會
07-21-2006	371 Completion Date		會
06-25-2008	Sent to Classification Contractor		
06-25-2008	Filing Receipt		
06-25-2008	Notice of DO/EO Acceptance Mailed		
06-22-2008	Correspondence Address Change		
06-02-2008	Information Disclosure Statement (IDS) Filed		
01-18-2008	Information Disclosure Statement (IDS) Filed		
07-06-2007	Information Disclosure Statement (IDS) Filed		
08-08-2006	Cleared by OIPE CSR		
08-08-2006	Cleared by OIPE CSR		

[Close Window](#)

EXHIBIT C

Electronic Acknowledgement Receipt	
EFS ID:	7100037
Application Number:	10597335
International Application Number:	
Confirmation Number:	9418
Title of Invention:	NOVEL SIRTUIN ACTIVATING COMPOUNDS AND METHODS FOR MAKING THE SAME
First Named Inventor/Applicant Name:	Merritt B. Andrus
Customer Number:	28441
Filer:	Ryan Marshall/Jayna Lofgran
Filer Authorized By:	Ryan Marshall
Attorney Docket Number:	49506-12
Receipt Date:	26-FEB-2010
Filing Date:	21-JUL-2006
Time Stamp:	16:23:59
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment			no		
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		4950612_AmendmentUnder_1_312.pdf	141579	yes	5
			4316307fe2eb5b5ef837d980946d3c6cd74dfb53		

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment after Notice of Allowance (Rule 312)	1	1
	Specification	2	4
	Applicant Arguments/Remarks Made in an Amendment	5	5

Warnings:

Information:

Total Files Size (in bytes):	141579
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

EXHIBIT D



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/597,335	07/21/2006	Merritt B. Andrus	49506-12	9418
28441 7590 03/31/2010 BRINKS HOFER GILSON & LIONE/UTAH UTAH OFFICE 222 South Main Street Suite 1930 SALT LAKE CITY, UT 84101			EXAMINER NWAONICHA, CHUKWUMA O	
			ART UNIT 1621	PAPER NUMBER
			MAIL DATE 03/31/2010	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

OK TO ENTER.

/C.N./

Attorney Docket No. 49506-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Andrus et al.)	
)	
Application No. 10/597,335)	
)	Examiner: Chukwuma O. Nwaonicha
Filing Date: July 21, 2006)	
)	Group Art Unit No.: 1621
For: NOVEL SIRTUIN ACTIVATING)	
COMPOUNDS AND METHODS FOR)	Confirmation No. 9418
MAKING THE SAME)	
)	
Notice of Allowance Mailed:)	
)	
December 1, 2009)	

AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. §1.312

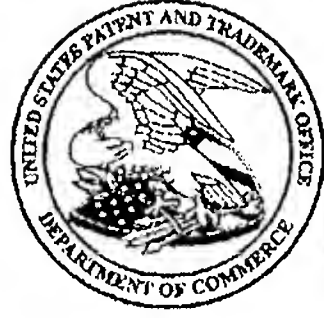
Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Remarks begin on page 5 of this paper.



UNITED STATES DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10597335	7/21/06	ANDRUS ET AL.	49506-12

BRINKS HOFER GILSON & LIONE/UTAH
UTAH OFFICE
222 South Main Street
Suite 1930
SALT LAKE CITY, UT 84101

EXAMINER

CHUKWUMA O.. NWAONICHA

ART UNIT	PAPER
1621	20100327

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

IDS dated 11/03/2008 has been initialed.

/Jafar Parsa/
Primary Examiner, Art Unit 1621

Receipt date: 11/03/2008

10597335 - GAU: 1621

FORM PTO-1449		SERIAL NO. 10/597,335	CASE NO. 49506-12
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE July 21, 2006	GROUP ART UNIT 1621
(use several sheets if necessary)	APPLICANTS: Andrus et al.		CONFIRMATION NO. 9418

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
/C.N./	F1	2005/0059733 A1	03/17/2005	Chen et al.		
/C.N./	F2	2006/0205792 A1	09/14/2006	Wong et al.		
/C.N./	F3	2007/0197819 A1	08/23/2007	Haerter et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
/C.N./	F4	CA 2 452 159 A1	02/06/2003	Canada		
/C.N./	F5	CA 2 581 201 A1	04/06/2006	Canada		
/C.N./	F6	DE 100 15 525 A1	10/11/2001	Germany		Abstract
/C.N./	F7	FR 2 816 843 A1	05/24/2002	France		Abstract
/C.N./	F8	FR 2 887 251 A1	12/22/2006	France		Abstract
/C.N./	F9	JP 54-070249 A	06/05/1979	Japan		Abstract
/C.N./	F10	JP 7 053 359 A	02/28/1995	Japan		Abstract
/C.N./	F11	JP 2001-048904 A	02/20/2001	Japan		Abstract

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)	
/C.N./	F12	ANDRUS, M.B., et al. "Synthesis of polyhydroxylated ester analogs of the stilbene resveratrol using decarbonylative Heck couplings". <i>Tetrahedron Letters</i> . 2006. 47(32). 5811-5814.
/C.N./	F13	ANGELONI, A., et al. "Liquid crystalline poly(β -aminoester)s containing different mesogenic groups. <i>Makromolekulare Chemie</i> . 1985. 186(5). 977-997.
/C.N./	F14	ASHOK, D.; et al. "Roxburghin – a new stilbene from the wood of <i>Cassia roxburghii</i> ". <i>Journal of the Indian Chemical Society</i> . 1987. 64(9). 559-61.
/C.N./	F15	BETTS, W.D. "Fluidized-bed production of phthalic anhydride." <i>Ind. Chemist</i> . 1963. 39(6;7;8). 302-308;370-378;411-416.

EXAMINER /Chukwuma Nwaonicha/	DATE CONSIDERED 03/27/2010
----------------------------------	-------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.N./

FORM PTO-1449	SERIAL NO. 10/597,335	CASE NO. 49506-12
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE July 21, 2006	GROUP ART UNIT 1621
(use several sheets if necessary)	APPLICANTS: Andrus et al.	CONFIRMATION NO. 9418

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
/C.N./	F16	BILLARD, C.; et al. "The inducible NO synthase is down-regulated during apoptosis of malignant cells from B-cell chronic lymphocytic leukemia induced by flavopiridol and polyphenols". <i>Annals of the New York Academy of Sciences</i> . 2003. 1010(Apoptosis). 381-383.
/C.N./	F17	CASTEDO, L.; et al. "Selective reductive carbonyl couplings with titanium." <i>Journal of Organic Chemistry</i> . 1981. 46(21), 4292-4294.
/C.N./	F18	CHANG, S.; et al. "A short and efficient synthetic approach to hydroxyl (E)-stilbenoids via solid-phase cross metathesis". <i>Tetrahedron Letters</i> . 2002. 43(41). 7445-7448.
/C.N./	F19	CUNNINGHAM, J.; et al. "The constitution of piceatannol". <i>Journal of the Chemical Society</i> . 1963. 2875-83.
/C.N./	F20	DeTAR, D. F.; et al. "Intramolecular reactions. V. Factors affecting the yield on diazonium cyclization reactions". <i>Journal of the American Chemical Society</i> . 1957. 79. 2498-502.
/C.N./	F21	DING, N.; et al. "Study on the synthesis of (E)-3-methoxy-4,4'-dihydroxystilbene by Heck reaction". <i>Youji Hauxue</i> . 2004. 24(8). 898-901.
/C.N./	F22	DREWES, S.E.; et al. "Polyhydroxystilbenes from the heartwood of Schotia brachypetala". <i>Journal of the Chemical Society</i> . 1974. 9. 961-2.
/C.N./	F23	FARINA, A.; et al. "An improved synthesis of resveratrol". <i>Natural Product Research, Part A: Structure and Synthesis</i> . 2006. 20(3). 247-252.
/C.N./	F24	FARINA, A.; et al. "Synthesis of hydroxystilbenes and their derivatives via Heck reaction". <i>Natural Product Research</i> . 2007. 21(6). 564-573.
/C.N./	F25	FUNAOKA, K.; et al. "Flavonoids of Zelkova serrata wood. VIII". <i>Mokuzai Gakkaishi</i> . 1957. 3. 218-24.
/C.N./	F26	GIERER, J.; et al. "Lignin chromophores. Part III. Syntheses of hydroxyl- and alkoxy stilbenes via aryl migration". <i>Journal of Wood Chemistry and Technology</i> . 1991. 11(2). 171-93.
/C.N./	F27	GORHAM, John. "Effect of lunularic acid analogs on liverwort growth and IAA oxidation." <i>Phytochemistry (Elsevier)</i> . 1978. 17(1), 99-105.
/C.N./	F28	GOTOH, T.; et al. "TFT-addressed cholesteric liquid crystal projection display". <i>NEC Research & Development</i> . 1997. 38(4). 394-404.
/C.N./	F29	GROMOVA, A.S.; et al. "Stilbenes from the bark of some Pinaceae species". <i>Koksnes Kimija</i> . 1979. (3). 103-9.
/C.N./	F30	HASHIMOTO, T.; et al. "A highly efficient preparation of lunularic acid and some biological activities of stilbene and dihydrostilbene derivatives". <i>Phytochemistry</i> . 1988. 27(1). 109-13.
/C.N./	F31	HATA, K.; et al. "Chemical studies on the heartwood of Cassia garrettiana Craib. II. Nonanthraquinonic constituents". <i>Chemical & Pharmaceutical Bulletin</i> . 1979. 27(4). 984-9.
/C.N./	F32	HILLIS, W.E.; et al. "Chromatographic and spectral properties of stilbene derivatives". <i>Journal of Chromatography</i> . 1968. 32(2). 323-36.
/C.N./	F33	INAMORI, Y.; et al. "Physiological activities of 3,3',4,5'-tetrahydroxystilbene isolated from the heartwood of Cassia garrettiana Craib". <i>Chemical & Pharmaceutical Bulletin</i> . 1984. 32(1). 213-18.
/C.N./	F34	INAMORI, Y.; et al. "The coronary vasodilatory and hypotensive effects of 3,3',4,5'-tetrahydroxystilbene and its derivatives". <i>Yakugaku Zasshi</i> . 1984. 104(7). 819-21.
/C.N./	F35	ITO, M.; et al. "Vibrational spectra of resonance-stabilized anions (CnOn)2-." <i>Proc. Intern. Symp. Mol. Struct. Spectryl</i> , Tokyo. 1962. (A214). 4 pp.
/C.N./	F36	JOHNSON, W.; et al. "2,8-Dihydroxy-5,6,11,12-tetrahydrochrysene." <i>Journal of the American Chemical Society</i> . 1952. 74. 2251-2253.

EXAMINER /Chukwuma Nwaonicha/	DATE CONSIDERED 03/27/2010
-------------------------------	-------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.N./

FORM PTO-1449		SERIAL NO. 10/597,335	CASE NO. 49506-12
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE July 21, 2006	GROUP ART UNIT 1621
(use several sheets if necessary)	APPLICANTS: Andrus et al.		CONFIRMATION NO. 9418

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
/C.N./	F37	KIMURA, Y.; et al. "Inhibitory effects of active substances isolated from Cassia garrettiana heartwood on tumor growth and lung metastasis in Lewis lung carcinoma-bearing mice. Part 2". <i>Anticancer Research</i> . 2000. 20(5A). 2923-2930.
/C.N./	F38	KING, F.E.; et al. "Chemistry of extractives from hardwoods. XXVIII. The occurrence of 3,3',4,5'-tetrahydroxy- and 3,3',4,5,5'-pentahydroxystilbene in Vouacapoua species". <i>Journal of Chemical Society</i> . 1956. 4477-80.
/C.N./	F39	KONDO, T.; et al. "Wood extractives. V. Heartwood components of Platycarya strobilacea". <i>Nippon Nogei Kagaku Kaishi</i> . 1956. 30. 281-3.
/C.N./	F40	KUBOTA, T.; et al. "New description of the substituent effect on electronic spectra by means of substituent constants. III. Charge transfer spectra of EDA complexes". <i>Molecular Crystals and Liquid Crystals</i> . 1985. 126(1). 111-20.
/C.N./	F41	KUNIMOTO, H. "Infrared absorption of cis-stilbene and its 4,4'-disubstituted derivatives." <i>Proc. Intern. Symp. Mol. Struct. Spectry.</i> , Tokyo. 1962. (A219). 4 pp.
/C.N./	F42	KUNIMOTO, H. "Preparation of stilbenes and α,α' -dideuterio derivatives." <i>Nippon Kagaku Zasshi</i> . 1963. 84(1). 65-68.
/C.N./	F43	LAIDLAW, R.A.; et al. "Heartwood extractives of some timbers of the family Moraceae". <i>Chemistry & Industry (London, United Kingdom)</i> . 1959. 1604-5.
/C.N./	F44	LAPKIN, I., et al. "Organoberyllium compounds and their chemical transformations. VII. Reaction of haloberyllium acyls with aromatic aldehydes." <i>Zhurnal Obshchei Khimii</i> . 1973. 43(9). 1984-1986.
/C.N./	F45	le NOBLE, W.J. "The effect of pressure on the homogenous alkylation of phenoxide ion". <i>Journal of the American Chemical Society</i> . 1963. 85. 1470-2.
/C.N./	F46	LEARMONTH, D.A. "A Concise Synthesis of the 3-O- β -D- and 4'-O- β -D-Glucuronide Conjugates of trans-Resveratrol". <i>Bioconjugate Chemistry</i> . 2003. 14(1). 262-267.
/C.N./	F47	MAJUMDER, P.L.; et al. "Thunalbene, a stilbene derivative from the orchid Thunia alba". <i>Phytochemistry</i> . 1998. 49(8). 2375-2378.
/C.N./	F48	MATSUO, T., et al. "Charge-transfer complexes. V. Complexes of tetracyanoethylene with trans-stilbene and related compounds." <i>Bulletin of the Chemical Society of Japan</i> . 1968. 41(2). 271-274.
/C.N./	F49	MONGOLSUK, S.; et al. "2,3',4,5'-Tetrahydroxystilbene from Artocarpus lakoocha". <i>Journal of the Chemical Society</i> . 1957. 2231-3.
/C.N./	F50	MORGAN, J.W.W.; et al. "The chemistry of color changes in wood. I. The Significance of stilbenes". <i>Holzforchung</i> . 1968. 22(1). 11-16.
/C.N./	F51	OKI, M., et al. "The characteristic infrared absorption bands of cis-stilbene and its para,para'-disubstituted derivatives." <i>Spectrochimica Acta</i> . 1963. 19(9). 1463-1471.
/C.N./	F52	REIMANN, E. et al. "Natural stilbenes. II. Synthesis of polyhydroxystilbenes". <i>Justus Liebigs Annalen der Chemie</i> . 1971. 750. 109-27.
/C.N./	F53	RYU, S.Y.; et al. "Monoamine oxidase-A inhibitors from medicinal plants". <i>Archives of Pharmacal Research</i> . 1988. 11(3). 230-9.
/C.N./	F54	SAUVAGE, X.; et al. "Homobimetallic ruthenium-N-heterocyclic carbene complexes: synthesis, characterization, and catalytic applications". <i>Advanced Synthesis & Catalysis</i> . 2007. 349(1-2). 255-265.
/C.N./	F55	SREERAMULU, K.; et al. "Anthraquinone constituents of Cassia Montana heyne". <i>Indian Journal of Heterocyclic Chemistry</i> . 1999. 8(3). 233-236.

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FORM PTO-1449		SERIAL NO. 10/597,335	CASE NO. 49506-12
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE July 21, 2006	GROUP ART UNIT 1621
(use several sheets if necessary)	APPLICANTS: Andrus et al.		CONFIRMATION NO. 9418

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
/C.N./	F56	STRAKOWSKY, N.A.; et al. "Addition of urea, thiourea, and iodine to the natural benzopyrones of Ammi visnaga and Ammi majus". <i>Egyptian Journal of Chemistry</i> . 1959. 2. 111-17.
/C.N./	F57	VAN DER KLASHORST, G.H. "Low molecular mass lignin fragments present in industrial kraft pine spent liquor". <i>Holzforschung</i> . 1988. 42(1). 65-66.
/C.N./	F58	VELDER, J.; et al. "A simple access to biologically important trans-stilbenes via Ru-catalyzed cross metathesis". <i>Synthesis</i> . 2006. (2). 273-278.
/C.N./	F59	XU, G.; et al. "Inhibition of protein kinase C by stilbenoids". <i>Yaoxue Xueba</i> . 1994. 29(11). 818-22.
/C.N./	F60	YANG, D.; et al. "Significant Effects of Nonconjugated Remote Substituents in Catalytic Asymmetric Epoxidation". <i>Journal of the American Chemical Society</i> . 1998. 120(30), 7659-7660.
/C.N./	F61	ZAMAN, A., et al. "Isolation and structure of gnetol, a novel stilbene from Gnetum ula." <i>Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry</i> . 1983. 22B(2). 101-104.

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